Attorney
Docket No.: AK-N-508XX

## DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD FOR MELTING METALLIC RAW MATERIAL IN METAL MOLDING APPARATUS

The specification of	which (check one):		
[ ] is attached heret	co [ ] was filed on	as Application N	o. =).
		PCT/JP2005/003550 on Febru (if applicable	
I hereby state that	I have reviewed and under	stand the contents of the by any amendment referred t	-3
I acknowledge the dut this application in ac	y to disclose information coordance with Title 37, Co	which is material to the ode of Federal Regulations 5	patentability of
below any foreign and	CENE OF INVANTANTA CAPLIF	r Title 35, USC \$119(a)~(d) cate listed below and have nventor's certificate having vis claimed:	
Prior Foreign	Application(s)	Date Filed P	riority Claimed
(Number)	Japan (Country)	25 February 2004 (Day/Month/Year)	[X] [] Yes No
2004-179697 (Number)	Japan (Country)	17 June 2004 (Day/Month/Year)	[X] [] Yes No
(Number)	(Country)	(Day/Month/Year)	[] [] Yes No
I hereby claim the be application(s) listed	nefit under Title 35, USG below:	Sll9(e) of any United St	ates provisional
(Application No	umber)	(Filing Date)	
(Application N	imber)	(Filing Date)	
(Application N	imber)	(Filing Date)	<del></del>

Express Mail Number
EV 223331496 US

## Sheet 2 of 4

## Attorney Docket No.: AK-N-508XX

I hereby claim the benefit under Title 35 USC \$120 of any United States or International application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 USC \$112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, \$1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(Patented/pending/abandoned)
(Application No.)	(Filing Date)	(Patented/pending/abandoned)
(Application No.)	(Filing Date)	(Patented/pending/abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the Attorneys associated with Customer Number 207 to prosecute this application and transact all business connected therewith in the Patent and Trademark Office, and to file with the USRO any International Application based thereon.

The following Attorneys are associated with Customer Number 207:

Stanley M. Schurgin, Reg. No. 20,979 Charles L. Gagnebin III, Reg. No. 25,467 Victor B. Lebovici, Reg. No. 30,864 Holliday C. Heine, Reg. No. 34,345

Gordon R. Moriarty, Reg. No. 38,973 Beverly E. Hjorth, Reg. No. 32,033 Richard E. Gamache, Reg. No. 39,196 Thomas O. Hoover, Reg. No. 32,470

Address all correspondence to:

[X] Customer Number 207

which is associated with the Law Firm of: WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP Ten Post Office Square Boston, Massachusetts 02109 United States Telephone: (617) 542-2290 Fax: (617) 451-0313

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First/Sole Invent	or: Kiyoto Takizawa	
City of Residence Nagano-ken	State or Country Japan	Country of Citizenship Japan
Post Office Address  c/o Nissei Plastic Industrial Co., Ltd., 2110, Osra Minamijo, Sakaki-machi, Hanishina-gun, Nagano-ken, 389-0693, JAPAN	City Nagano-ken, 389-0693	State or Country Zip Code JAPAN
signatura: (Please sign and da  X Kiyoto Take		Date signed: x 5ep. 13, 2005

Attorney Docket No.: AR-N-508XX

full Name of Second/Joint Inv	entor: Toshiyasu Koda	
City of Residence	State or Country	Country of Citizenship
Nagano-ken	Japan	Japan
Post Office Address	City	State or Country Zip Code
c/o Nissel Plastic Industrial Co., Ltd., 2110, Oaza Minamijo, Sakaki-machi, Hanishina-gun, Nagano-ken, 369-0693, Japan	Nagano-ken, 389-0693	JAPAN
Signature: (Please sign and de	te in permanent ink.)	Date signed:
* Toshiyas	u Koda	SEP. 12. 2005

Full Name of Third/Joint Inventor: Mamoru Miyagawa		
City of Residence Nagano-ken	State or Country Japan	Country of Citizenship
Post Office Address  c/o Nissei Plastic Industrial  Co., Ltd., 2110, Caza Minamijo, Sakaki-machi, Hanishina-gun, Nagano-ken, 389-0693, JAPAN	City Nagano-ken, 389-0693	State or Country Zip Code JAPAN
Signature: (Please sign and date in permanent ink.)  X  Mamoru Miyagawa		Date signed: X SEP. 12. 2005

Full Name of Fourth/Joint Inventor: Kazuo Anzai		
City of Residence	State or Country	Country of Citizenship
Nagano-ken	Japan	Japan
Post Office Address  c/o Nissei Plastic Industrial Co. Ltd. 2110. Oaza Minamijo.	City Nagano-ken, 389-0693	State or Country Zip Code JAPAN
Sakaki-machi, Hanishina-gun, Nagano-ken, 389-0693, JAPAN		
Signature: (Please sign and date	te in permanent ink.)	Date signed:
* Kazus Anzai		x SEP. 9. 2005

Full Name of Fifth/Joint Inventor: Koji Takei		
City of Residence Nagano-ken	State or Country Japan	Country of Citizenship Japan
Post Office Address  c/o Nissei Plastic Industrial  Co., Ltd., 2110, Oaza Minamijo, Sakaki-machi, Hanishina-gun, Nagano-ken, 389-0693, JAPAN	City Nagano-ken, 389-0693	State or Country Zip Code JAPAN
Signature: (Please sign and da  X  Koji Takei	te in permanent ink.)	Date signed:  X SEP. 13. 2005

Full Name of Sixth/Joint Inventor: Ikuo Uwadaira		
City of Residence Nagano-ken	State or Country Japan	Country of Citizenship Japan
Post Office Address  c/o Nissei Plastic Industrial  Co., Ltd., 2110, Oaza Minamijo, Sakaki-machi, Hanishina-gun, Nagano-ken, 389-0693, JAPAN	City Nagano-ken, 389-0693	State or Country Zip Code JAPAN
Signature: (Please sign and da		Date signed: X S.P. 12, 2005

Full Name of Seventh/Joint Inve	entor: Ko Yamazaki	
City of Residence	State or Country	Country of Citizenship
Nagano-ken	Japan	Japan
Post Office Address	City	State or Country Zip Code
c/o Nissei Plastic Industrial Co., Ltd., 2110, Oaza Minamijo, Sakaki-machi, Hanishina-gun, Nagano-ken, 389-0693, JAPAN	Nagano-ken, 389-0693	JAPAN
Signature: (Please sign and date	te in permanent ink.)	Date signed:
* Ko Yamazaki		x sep. 12. 2005